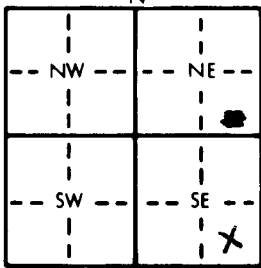


1 LOCATION OF WATER WELL: County: **Graham** Fraction: **C 1/4 SE 1/4 Se 1/4** Section Number: **13** Township Number: **T 6 S** Range Number: **R 23** **(EW)**

Distance and direction from nearest town or city street address of well if located within city?
11 Miles North 1 East 1/2 West of Hill City, Kansas

2 WATER WELL OWNER: **F & M Bank** **Murfin Drilling Co.**
 RR#, St. Address, Box #: **Box 661**
 City, State, ZIP Code: **Hill City, Kansas** **Colby, Kansas 66701** Board of Agriculture, Division of Water Resources
 Application Number: **T88 361**

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: **160** ft. ELEVATION: _____
 Depth(s) Groundwater Encountered: 1. **82** ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: **82** ft. below land surface measured on mo/day/yr **7-27-88**
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: **9** in. to **160** ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well _____
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No **X** _____; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes _____ No **X** _____

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued **X** Clamped _____
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass Threaded _____
 Blank casing diameter: **4.5** in. to **140** ft., Dia. _____ in. to _____ ft., Dia. _____ in. to _____ ft.
 Casing height above land surface: **18** in., weight **2.38** lbs./ft. Wall thickness or gauge No. **248**
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 11 Other (specify) _____
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify) _____
 SCREEN-PERFORATED INTERVALS: From **140** ft. to **160** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **20** ft. to **160** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: From **0** ft. to **20** ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage
 Direction from well? **Northwest** How many feet? **660**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Surface			
3	42	Caliche & Clay			
42	62	Caliche			
62	69	Fine Sand			
69	74	Clay			
74	77	Caliche			
77	83	Fine-Med. Sand			
83	87	Clay			
87	89	Med. Sand			
89	137	Clay			
137	158	Med. Sand			
158	163	Ochre			
163	170	Shale			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) **7-27-88** and this record is true to the best of my knowledge and belief. Kansas
 Water Well Contractor's License No. **394** This Water Well Record was completed on (mo/day/yr) **5-29-89**
 under the business name of **Woofter Pump & Well Service** by (signature) *Walter Woofter*